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EAST SUFFOLK COUNTY COUNCIL.



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ANNUAL REPORT
OF THE
County Medical Officer

1947

PUBLIC HEALTH DEPARTMENT,
COUNTY HALL,
IPSWICH.



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January, 1949.

To the Chairman and Members of the County Council.

MY LORDS, LADIES AND GENTLEMEN,

I have the honour to present to you the Annual Report on the health of the County of East Suffolk for the year 1947. This report, as suggested by the Ministry of Health, is on similar lines to those published in recent years.

The year under review is one which has seen the preparation of the administrative schemes under the National Health Service Act, 1946, and a re-organisation of the Department in view of the impending assumption of additional duties envisaged from the Bill which preceded the National Assistance Act passed in 1948. In consequence the report has unavoidably been delayed in preparation. In view of this the report is mainly of a statistical nature.

I have the honour to be,

Your obedient Servant,

HENRY ROGER,
County Medical Officer.

PUBLIC HEALTH DEPARTMENT,
COUNTY HALL,
IPSWICH.

GENERAL STATISTICS.

Area : 548,607 acres.—1st April, 1934.

Population 1947 : 200,510.

(As estimated by the Registrar-General).

Population, Census 1931 : 207,475.

Number of inhabited houses, Census 1931 : 52,513.

Number of families or separate occupiers, Census 1931 : 53,933.

Rateable Value : £1,046,786 (year beginning 1st April, 1947).

Estimated product of a penny rate : £4,018. (Year beginning 1st April, 1947).

Natural and Social Conditions of the Area.

Geology, Industry, Commerce. These subjects are dealt with in the Survey Report for 1930 and there has been no alteration requiring comment ; those desiring information are referred to that Report.

1947

Extracts from Vital Statistics for the Year.

<i>Live Births :</i>	<i>M.</i>	<i>F.</i>	<i>Total.</i>	
Legitimate	2,137	1,935	4,072	} Birth rate per 1,000 of estimated population :— 21.4.
Illegitimate	112	111	223	
Total live births	2,249	2,046	4,295	
<i>Stillbirths :</i>				} Rate per 1,000 total births (live and still- births) :—23.6.
Legitimate	50	48	98	
Illegitimate	3	3	6	
Total stillbirths	53	51	104	
<i>Deaths :</i>	1,353	1,305	2,658	} Crude death rate per 1,000 of estimated popu- lation :—13.3.

<i>Deaths from Puerperal Causes :</i>	<i>No. of Deaths.</i>	<i>Rate per 1,000 total births.</i>
Puerperal Sepsis	—	—
Other Maternal Causes	6	1.36
Total	6	1.36

Death Rate of Infants under one year of age :

All Infants per 1,000 live births	32.6
Legitimate Infants per 1,000 legitimate live births	31.2
Illegitimate Infants per 1,000 illegitimate live births	58.3
Deaths from Measles (all ages)	1
„ Whooping Cough (all ages)	4
„ Diarrhoea (under 2 years of age)	7
„ Cancer (all ages)	378
Cancer Death Rate per 1,000 population	1.9
Tuberculosis Death Rate per 1,000 population ....	.31

Population.

Year.	Population.	
1931	207,475	Census Return.
1941	179,400	(Estimated by Registrar-General)
1942	172,980	
1943	172,760	
1944	176,080	
1945	180,340	
1946	194,870	
1 47	200,510	

TABLE I.

BIRTHS.

(Still Births are excluded).

Year.	Total.	Birth Rate per 1,000 Population.			
		Urban.	Rural.	Administra- tive County.	England and Wales.
1941	2873	17.04	15.0	15.8	14.2
1942	2949	17.77	16.62	17.05	15.8
1943	3053	18.84	16.95	17.65	16.5
1944	3555	22.58	18.7	20.2	17.6
1945	3462	20.3	18.4	19.2	16.1
1946	3919	21.7	18.8	20.1	19.1
1947	4295	23.0	20.1	21.4	20.5

TABLE II.

ILLEGITIMATE BIRTHS.

(Still Births are excluded).

Year.	Total.	Birth Rate per 1,000 Population.		
		Urban.	Rural.	Administra- tive County.
1941	199	1.1	1.1	1.1
1942	194	1.27	1.04	1.1
1943	275	1.70	1.52	1.59
1944	361	2.17	1.97	2.05
1945	459	2.5	2.5	2.5
1946	353	1.8	1.7	1.8
1947	223	1.3	.9	1.1

TABLE III.

DEATHS.

Year.	Total.	Death Rate per 1,000 Population.			
		Urban.	Rural.	Administra- tive County.	England and Wales.
1941	2488	15.4	13.0	13.87	12.9
1942	2434	15.3	13.4	14.07	11.6
1943	2329	14.18	13.05	13.48	12.1
1944	2389	13.8	13.4	13.56	11.6
1945	2280	13.5	12.0	12.6	11.4
1946	2489	13.2	12.4	12.77	11.5
1947	2658	13.8	12.8	13.3	12.0

Infant Mortality Rate.

TABLE IV.
DEATHS OF CHILDREN UNDER ONE YEAR.

Year.	Total.	Rate per 1,000 Live Births.			
		Urban.	Rural.	Administra- tive County.	England and Wales.
1941	132	47	45	46	59
1942	119	41	40	40	49
1943	107	43	30	35	49
1944	122	35	33	34	46
1945	117	32	35	34	46
1946	131	41	27	33	43
1947	140	36	29	33	41

TABLE V.
INFANT MORTALITY OVER FIVE-YEARLY PERIODS.

Quinquennium.	Number of Births.	Number of Deaths.	Infant Mortality Rate per 1,000 live births.
1938-1942	14,340	631	44.0
1943	3,053	107	33.7
1944	3,555	122	
1945	3,462	117	
1946	3,919	131	
1947	4,295	140	

II.

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA.

Medical Staff.

County Medical Officer: Henry Roger, M.A., M.B., CH.B., D.P.H.

Assistant County Medical Officers:

E. W. Graham, M.B., CH.B., D.P.H. (resigned 31.1.47).

C. M. Whiteford, M.B., CH.B., D.P.H. (died 16.6.47).

W. M. Burns, M.B., CH.B., D.P.H.

H. Pedler, M.R.C.S., L.R.C.P., D.P.H.

E. A. Parkinson, M.B., CH.B., D.P.H.

C. H. Imrie, M.B., CH.B., D.P.H.

A. A. Gilmour, M.D., CH.B., D.P.H.

S. A. Maclean, M.B., CH.B., D.P.H. (from 1.6.47).

Acting County Bacteriologist: P. H. Martin, A.F.C., B.M., B.CH., D.T.M. & H., F.R.C.P. (to 31.3.47).

Nursing Staff.

Supervisor of Midwives: Miss M. W. Lindsay.

Assist. Supervisor of Midwives: Miss E. M. Allan.

Health Visitors: Miss M. N. Hardingham.

(*fully qualified*). Miss K. Smith.
Miss V. L. A. Jones.
Miss S. J. Williams.
Miss M. S. Scott (part-time).
Miss O. L. Swann (part-time).

County Sanitary Staff.

County Sanitary Officer: A. E. Chapman, F.S.I.A.

Assistant County Sanitary Officers: G. H. Hine (resigned 30.4.47).
I. W. Fenn.
W. R. Saunders (from 1.7.47).

District Medical Officers.

Urban Districts and Boroughs:

Aldeburgh	...	Dr. C. D. Somers (to 31.3.47). Dr. C. M. Whiteford (from 1.4.47, died 16.6.47). Dr. C. H. Imrie (from 1.7.47).
Beccles	...	Dr. A. Gilmour.
Bungay	...	Dr. H. Pedler.
Eye	...	Dr. H. Pedler.
Felixstowe	...	Dr. G. J. Conford.
Halesworth	...	Dr. W. M. Burns.
Leiston	...	Dr. W. M. Burns.
Lowestoft	...	Dr. V. R. Walker.
Saxmundham	...	Dr. D. W. Ryder Richardson.
Southwold	...	Dr. A. Gilmour.
Stowmarket	...	Dr. E. W. Graham (to 31.1.47). Dr. S. A. Maclean (from 1.6.47).
Woodbridge	...	Dr. C. M. Whiteford (died 16.6.47). Dr. C. H. Imrie (from 1.7.47).

Rural Districts:

Blyth	...	Dr. W. M. Burns.
Deben	...	Dr. C. M. Whiteford (died 16.6.47). Dr. C. H. Imrie (from 1.7.47).
Gipping	...	Dr. E. W. Graham (to 31.1.47). Dr. S. A. Maclean (from 1.6.47).
Hartismere	...	Dr. H. Pedler.
Lothingland	...	Dr. A. Gilmour.
Samford	...	Dr. E. W. Graham (to 31.1.47). Dr. S. A. Maclean (from 1.6.47).
Wainford	...	Dr. H. Pedler.

III.

MATERNITY AND CHILD WELFARE.

This part of the Report deals with the administrative County, excluding Lowestoft M.B.; this Borough is a Local Supervising Authority for Maternity and Child Welfare.

Summary of Visits Paid by Health Visiting Staff.

	1947.	1946.	1945.
First visits to children under 1 year	2,936	2,814	2,687
Re-visits to infants under 1 year ...	19,597	19,296	20,428
Visits to expectant mothers ...	12,143	10,174	12,385
Visits to children 1-5 years ...	24,765	26,937	27,723
Totals ...	59,441	59,221	63,223

Nursing in the Home.

There are 57 District Nursing Associations, employing 65 District Nurse-Midwives. 6 Emergency Nurses are employed by the East Suffolk County Nursing Association. 56 of these Nurses have each a car for their district work.

Nurses undertaking work for the County Council at the end of the year were ;—

		Employed by D.N.A.	Emergency Nurses employed by C.N.A.
State Registered Nurses—	Queen's Nurse-Midwives	19	
	District Nurse-Midwives	7	2
		—	
		26	
	Village Nurse-Midwives ...	37	1
		—63	
	Vacancies at the end of year	2	3
		—	—
		65	6
		—	—

MATERNITY AND CHILD WELFARE CENTRES.

28 Infant Welfare Centres and 16 Weighing Centres.

Summary of attendances, etc., for 1947.

			Infant Welfare Centre.	Weighing Centre.
Number of openings ...	...	...	698	179
Number of attendances:—				
Ante-natal ...	...	...	371	—
Post-natal ...	...	...	24	—
Children ...	...	...	18,779	2,967
Average attendance of children a session ...	...	...	26.9	16.6
Number of consultations with Medical Officer:—				
Mothers, Ante-natal ...	...	...	1,489	—
Mothers, Post-natal ...	...	...	26	—
Children ...	...	...	6,307	—
Average number of consultations per child each session attended by Medical Officer			9.0	—

Centres in existence at the end of 1947.

Weekly.	Twice monthly.	Monthly.
Aldeburgh Beccles Bungay Felixstowe (a) do. (Walton) Leiston Stowmarket (a) Woodbridge (a) County Hall, Ipswich (a)	Bramford (a) Brantham (a) Carlton Colville Eye Halesworth Kesgrave Kessingland Wrentham Yoxford	Debenham Farnham (a) Framlingham Hacheston Nacton Needham Market (a) Saxmundham Stradbroke Wenhaston Wickham Market

(a) = Centre also functions as ante-natal clinic.

Weighing Centres at:—Blundeston, Charsfield, Claydon, Copdock, Corton, Earl Soham, Friston, Grundisburgh, Kirton, Lound, Newbourne, Otley, Somerleyton, Sproughton, Waldringfield, Weybread.

Institutional Provision for Maternity Cases.

274 women were confined in institutions under the Council's scheme.

Unmarried Mothers. The County Council contributed towards 2 cases under their agreement with the Diocesan Moral Welfare Association.

Obstetric Consultant Service. Mr. Stansfield, Obstetric Consultant, was called in on three occasions during the year. Mr. Bulman, Obstetric Consultant for the northern area, was not called by any Medical Practitioner. A certain number of persons were, however, referred to both Specialists at their respective hospitals, both as out-patients and in-patients of the Gynaecological Departments.

Dental Treatment for Expectant Mothers. Dental treatment was arranged under the Council's scheme for 15 cases during the year.

Maternal Mortality.

There were 6 maternal deaths assigned to the administrative County, giving a mortality rate of 1.36 for each 1,000 births, compared with 1.17 for England and Wales. Last year the comparable figures were 0.49 for East Suffolk and 1.43 for the country.

Maternal Mortality rate per 1,000 total births.

<u>Five-yearly period.</u>	<u>Administrative</u>	<u>England and</u>
	<u>County.</u>	<u>Wales.</u>
1938-42	2.4	2.7
1943	1.91	2.29
1944	1.91	1.93
• 1945	1.96	1.79
1946	0.49	1.43
1947	1.36	1.17

Ophthalmia Neonatorum.

6 cases were notified. 4 were treated at home; in all cases the vision was unimpaired.

Puerperal Pyrexia.

14 cases were notified (excluding Lowestoft); 9 were treated in hospital, the others did not require hospitalisation.

Midwives.

104 midwives practised in the County during 1947. 3,173 births were notified by doctors, parents, midwives and Registrars—Lowestoft births are not included. 1,219 confinements were attended by midwives in that capacity and 1,619 by midwives as maternity nurses.

Registration of Nursing Homes.

11 Homes were registered as Maternity or Nursing Homes; in addition, 6 Institutions were exempt from registration.

Child Life Protection.

253 children were under supervision at the end of the year.

IV.

VACCINATION.

	<i>Adminis. County.</i>						<i>Excluding Lowestoft.</i>					
	1941.	1942.	1943.	1944.	1945.	1946.	1941.	1942.	1943.	1944.	1945.	1946.
Total births registered during year ...	2,559	2,585	2,632	3,136	3,085	3,589	2,218	2,250	1,997	2,358	2,214	2,459
Successfully vaccinated ...	1,232	1,358	1,380	1,707	1,664	1,859	1,215	1,330	1,222	1,480	1,388	1,498
Insusceptible of vaccination ...	15	18	18	9	4	17	15	18	16	7	1	14
Statutory declaration of conscientious objection ...	965	926	978	1,147	1,155	1,302	767	733	608	662	607	633
Died unvaccinated ...	85	75	60	75	65	97	64	60	39	59	48	59
Postponement by medical certificate	14	13	6	8	11	19	14	13	3	3	4	7
Removal to other districts and Vaccination Officer apprised	64	41	68	104	93	111	58	41	53	78	84	109
Removal to places unknown and cases not found ...	47	37	49	41	50	96	40	37	26	26	41	70
Percentage of children successfully vaccinated ...	48.1	52.5	52.4	54.4	53.9	51.8	54.8	59.1	61.1	62.8	62.7	60.9

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supplies.

Not one of the regional schemes prepared for the Rural District Councils in the County has yet been approved by the Ministry of Health. Below is a statement that shews the progress that has been made with each, and any major extensions of mains during the year.

Blyth.

A scheme estimated to cost £605,600 was prepared and submitted to the Ministry of Health. The scheme provided that the whole rural area would be supplied from a single source at Halesworth.

No important extensions of water mains have been made.

Deben.

In connection with the regional scheme, the approval of the Ministry of Health was given to the sinking of a borewell at Pettistree. The borewell has been made and a yield of over half a million gallons a day has been obtained.

This abundant yield has enabled the Rural District Council to decide to make one headworks instead of two, to supply the Eastern area. It will also be possible to augment the North Western supply. Small extensions of the mains of the Council have been made at Pettistree, Burgh, Otley, Martlesham and Hasketon.

Short extensions of the mains of the Felixstowe and Woodbridge Water Companies have been made in the parishes of Trimley and Melton respectively. These are parishes in the statutory areas of the Companies.

Gipping.

A regional scheme has been prepared which includes proposals to take water firstly in bulk from Thedwastre and Cosford Rural District Councils to supply the Western half of the district, and secondly to provide borewells and headworks at Needham Market to supply the Eastern half and augment the existing service. The site for the new borehole at Needham Market has been decided.

Approximately $7\frac{1}{2}$ miles of water mains have been laid in the parishes of Ashfield, Debenham, Framsdon, Pettaugh and Winston.

Hartismere.

Very little progress has been made with the preparation of the regional scheme, but stage development has proceeded. A number of extensions of the existing mains have been approved and work upon them has started.

Lothingland and Wainford.

A regional scheme which is a joint arrangement between Lothingland and Wainford Rural Districts has been prepared, but no progress has been made with it at the end of the year.

Samford.

No progress has been made with the full regional scheme that was prepared in outline.

A proposal to lay mains from the East Bergholt headworks to join up temporarily with the water works at the Greenwich Hospital School, by kind permission of the management, has not been proceeded with. This would have been a part of the main scheme and would have met an urgent need.

An extension of the existing main at East Bergholt to serve the Flatford area was made during the year.

Sewerage and Sewage Disposal.

A scheme of sewerage has been approved for the Urban District of Halesworth and the work of construction is well advanced. This was very necessary and if all the properties are connected the nuisances from sewage disposal that have been apparent for so long will be stopped.

No other important schemes have been approved, but most of the District Councils have schemes of sewerage in preparation.

The extensions to sewers that have been made are to serve new Council Housing sites.

The County Council, after conferring with the Local Authorities in the area, prepared a scheme for financial assistance towards the cost of approved works of water supply and sewerage.

VI. HOUSING.

Housing Survey (Hobhouse Report).

The Survey of housing conditions in Rural Districts has proceeded and below is a statement of the inspections made and classifications of categories decided by the Rural District Councils up to 31st January, 1948.

Rural District.	No. of Houses Inspected.	Classification.					Approx. % of Working class h'ses surveyed.
		Cat. 1.	Cat. 2.	Cat. 3.	Cat. 4.	Cat. 5.	
Blyth ...	4080	971	681	1335	108	985	90.
Deben ...	6819	2936	1373	1374	532	604	100.
Gipping ...	4526	960	1479	1175	403	509	100.
Hartismere	1402	59	441	348	102	452	37.
Lothingland	3743	511	855	1795	54	528	100.
Samford ...	782	—	464	140	111	67	27.
Wainford ...	1122	89	213	325	109	386	100.

New Housing.

The progress in regard to the provision of New Houses is shewn by the following table.

Rural District.	Number of Houses at 31.1.48 which were		
	approved for erection	begun	completed
Blyth ...	168*	146*	74*
Deben ...	172	172	112
Gipping ...	112	112	44
Hartismere	142*	118*	58*
Lothingland	94	94	50
Samford ...	69	43	4
Wainford ...	70	66	12

* These figures include 50 Temporary Pre-fabs. in each case.

VII.

INSPECTION AND SUPERVISION OF FOOD.

Milk.

During the year 110 samples of milk were examined for the presence of tubercle bacilli, and 2 of these gave a positive result; a percentage of 1.8.

In addition, 1 positive result was obtained by the Ipswich Borough Council, of milk produced in the County.

These were all referred to the Ministry of Agriculture for investigation of the herds concerned. The following is a statement of these investigations:—

- | | | |
|---------------------------|-----|----------|
| 1. Number of cows in herd | ... | 10 |
| Number of samples taken | ... | 1 group. |

One cow was slaughtered under the Tuberculosis Order after clinical examination. The group sample was certified non-tuberculous.

- | | | |
|---------------------------|-----|----------|
| 2. Number of cows in herd | ... | 36 |
| Number of samples taken | ... | 6 group. |

One cow was slaughtered under the Tuberculosis Order after clinical examination. All samples proved to be non-tuberculous.

- | | | |
|---------------------------|-----|----|
| 3. Number of cows in herd | ... | 10 |
|---------------------------|-----|----|

One cow was slaughtered after clinical examination and a mixed sample of milk from the remaining nine was examined biologically and proved positive. Immediately after this sample had been taken all the cows were sold at a farm sale, but were traced with difficulty. One was located at a neighbouring farm and was slaughtered when found to be suffering from T.B. udder; four had been sent to the Ministry of Food by the purchasers and were slaughtered; two samples were taken from the remaining four cows, each comprising milk from two cows. One of these was found to be positive, and of the two cows concerned one was dealt with under the Tuberculosis Order, 1938, and a further sample from the other was certified non-tuberculous.

Of these 118 samples examined by guinea-pig inoculation CO_2 —sensitive *Brucella* were isolated in 12 instances.

Milk (Special Designations) Regulations.*Accredited Milk.*

Number of visits paid to farms (pre-licence)	...	...	154
Number of routine visits paid (after licences issued)	...	...	335
Number of licences in force at end of 1946	...	...	170
Number of new licences issued during 1947	...	...	16
Number of licences not renewed for or discontinued during 1947	...	...	49
Number of Producer/Retailers at end of 1947 (included in total)	...	...	3
Number of licences suspended during 1947	...	...	14
Number of suspensions revoked during 1947	...	...	4
Number of licences in force at end of 1947	...	...	127

The following are particulars of routine milk samples collected and examined during the year:—

Total number taken	...	...	...	...	828
Number found unsatisfactory	...	...	...	...	196
Percentage of unsatisfactory samples	...	...	...	...	23.7

Tuberculin Tested Milk.

Number of visits paid to farms (pre-licence)	...	...	376
Number of routine visits paid (after licences issued)	...	...	348
Number of licences in force at end of 1946	...	...	123
Number of new licences issued during 1947	...	...	50
No. of Licences not renewed for or discontinued during 1947	...	...	4
Number of Producer/Retailers at end of 1947 (included in total)	...	...	7
Number of Licences suspended during 1947	...	...	4
Number of suspensions revoked during 1947	...	...	4
Number of licences in force at end of 1947	...	...	169

The following are particulars of routine milk samples collected and examined during the year:—

Total number taken	...	...	...	...	845
Number found unsatisfactory	...	...	...	...	161
Percentage of unsatisfactory samples	...	...	...	...	19.1

Milk Samples.

Below is a table which shows the number and the type of failures month by month:—

MILK SAMPLES.

Month.	<i>Tuberculin Tested.</i>					<i>Accredited.</i>				
	No. taken.	No. that passed.	Fail M.B.	Fail B. Coli.	Fail Both.	No. taken.	No. that passed.	Fail M.B.	Fail B. Coli.	Fail Both.
JAN. ...	75	71	2	2	—	73	69	1	3	—
FEB. ...	50	50	—	—	—	58	56	—	1	1
MARCH ...	59	56	3	—	—	83	81	2	—	—
APRIL ...	90	85	1	1	3	86	78	4	1	3
MAY ...	55	46	2	4	3	54	43	2	2	7
JUNE ...	56	37	6	3	10	61	33	7	7	14
JULY ...	52	27	8	6	11	59	27	7	4	21
AUGUST ...	67	28	10	13	16	84	29	12	15	28
SEPT. ...	78	48	10	11	9	65	32	8	6	19
OCTOBER ...	99	81	11	5	2	87	79	2	5	1
NOV. ...	95	90	2	2	1	69	63	1	3	2
DEC. ...	69	65	3	1	—	49	42	4	2	1
	845	684	58	48	55	828	632	50	49	97

Food and Drugs Act, 1938.

The following particulars relate to samples taken in the County during the year 1947.

Nature of Sample.	No. Taken.	No. Adulterated.	No. otherwise unsatisfactory
Baking Powder	7 1 not submit- ted.	—	—
Benergy	1	—	—
Cake and Pudding Mixture	1	—	—
Cereals	3	—	—
Cocoa	2	—	—
Cooking Fat	2	—	—
Curry Powder	3	—	—
Custard Powder	1	—	—
Dessert Sauce Powder	1	—	—
Dried Eggs	1	—	—
Fish Paste	4	—	—
Flavourings	2	—	—
Galantine	1	—	—
Gelatine	6	—	—
Gluko-Barley	1	—	—
Golden Raising Powder	1	—	—
Gravy Powder	1	—	—
Ice-Cream	1	—	—
Jam	4	—	—
Jelly	3	—	—
Junket Powder	1	—	—
Lemonade Crystals	1	—	—
Malt Vinegar	9 1 bott. broken in transit.	—	—
Margarine	1	—	—
Meat Roll	1	—	—
Medicines and Drugs	16		
Milk	174	8	21
	*24 2 bott. broken in transit.		
Mixed Spice	1	—	—
Mustard	2	—	—
Non-brewed Vinegar	4	—	—
Pepper	3	—	—
Pickles	2	—	—
Saccharin Tablets	4	—	—
Salad Dressing	1	—	1
Sauce	3 1 bott. broken in transit	—	—
Sausage Meat	26	—	3
Savoury Roll	1	—	—
Self Raising Flour	1	—	—
Shredded Suet	1	—	—
Soft Drinks	8	—	1
Soup Powder	1	—	—
Sugar	2	—	—
Table Dessert	1	—	—
Tea	3	—	—
Thyme	1	—	—
Tinned Peas	1	—	—
Turpentine	1	—	—
Wines and Spirits	21	—	1
	361 1 not submit- ted. 4 bots. broken * informal	8	27

List of Samples adulterated or of doubtful quality, and action taken :—

Nature of Sample.	Nature of adulteration.	Sample of poor and doubtful quality.	Action Taken.
1. Milk ...	—	14% deficient in milk-fat.	Letter of warning sent.
(No legal action could be taken because of the late receipt of the Analyst's report).			
2. Milk ...	—	6% deficient in milk-fat.	Letter of warning sent.
3. Milk ...	—	4.36% deficient in milk-fat.	
(The 'appeal to cow' samples showed very low fat content).			
4. Milk ...	13% added water.	—	Legal Proceedings. Defendant fined £5.
5. Port ...	—	Not genuine Port.	Letter of warning sent.
6. Milk ...	—	1% deficient in milk-fat.	Letter of warning sent.
7. Milk ...	11% added water.	—	Legal proceedings. Defendant fined £10 with £3 3s. costs.
8. Milk ...	—	11% deficient in milk-fat.	Analyst's Certificate received too late for action to be taken.
9. Milk ...	—	9% deficient in milk-fat.	
10. Milk ...	—	2% deficient in milk-fat.	
11. Milk ...	—	21% deficient in milk-fat.	
12. S.D.I. Grapefruit ...	—	Devoid of grapefruit and did not comply with S.D.I. standards.	Legal proceedings. Case dismissed.
(The contravention of the Soft Drinks Order was reported to the Ministry of Food for attention).			
13. Milk ...	—	5% deficient in milk-fat.	Letter of warning sent.
14. Milk ...	—	10% deficient in milk-fat.	Letter of warning sent.
15. Milk ...	—	3% deficient in milk-fat.	Further check sample taken.
16. Milk ...	—	35% deficient in milk-fat.	Warned to bulk milk and to improve fat output of herd.
17. Milk ...	9% added water.	—	Samples taken at places of delivery—see 0.75 - 0.78.
18. Milk (0.75) ...	—	14% deficient in milk-fat.	Legal proceedings. Defendant fined £5. (£1 13s. 4d. on each count).
19. Milk (0.76) ...	—	25% deficient in milk-fat.	
20. Milk (0.77) ...	—	11% deficient in milk-fat.	
21. Milk (0.78) ...	—	20% deficient in milk-fat.	Legal proceedings. Defendant fined £5.
22. Milk ...	—	43% deficient in milk-fat.	Producer died before proceedings could be taken.
23. Milk ...	—	33% deficient in milk-fat.	Legal proceedings. Defendant fined £2. with £3 15s. costs.
24. Milk ...	—	17% deficient in milk-fat.	Legal proceedings. Defendant fined £10 with £1 10s. costs.

Nature of Sample.	Nature of adulteration.	Sample of poor and doubtful quality.	Action Taken.
25. Salad Dressing (Powdered) ...	—	Did not comply with the Food Standards (Salad Cream and Mayonnaise) Order 1945.	Referred to Ministry of Food for action regarding Labelling of Food and Salad Dressing Order.
26. Sausage Meat ...	—	22% deficient in meat.	Letter of warning sent. (Possibly sausage other than Beef or Pork).
27. Beef Sausage Meat ...	—	Deficient in meat.	Letter of warning sent.
28. Sausage Meat ...	—	Deficient in meat.	Letter of warning sent.
29. Milk ...	—	3% deficient in milk-fat.	Letter of warning sent
30. Milk ...	—	17% deficient in milk-fat.	Legal proceedings. Case dismissed on payment of £3 costs.
31. Milk ...	40% added water.	22% deficient in milk-fat.	Legal proceedings. Defendant Acquitted.
32. Milk ...	38 $\frac{3}{4}$ % added water.	26% deficient in milk-fat.	
33. Milk ...	8 $\frac{1}{2}$ % added water.	—	Legal proceedings. Defendant fined £5. (£2 10s. on each count).
34. Milk ...	8.7% added water.	26% deficient in milk-fat.	
35. Milk ...	8.94% added water.	—	Legal proceedings. Case dismissed.

VIII.

PREVENTION AND CONTROL OF INFECTIOUS DISEASES.

Isolation Hospital Accommodation.

Lowestoft Isolation Hospital—serving the north of the County.

Ipswich Isolation Hospital—serving the south of the County.
(by agreement with Ipswich C.B.)

Stowmarket Isolation Hospital—serving Eye, Stowmarket, Gipping and Hartismere.

Small-pox Hospital Accommodation.

Oulton Smallpox Hospital—accommodation for 12 beds, for the north of the County (closed 1.9.47).

Ipswich Smallpox Hospital—4 beds by agreement with the Ipswich Borough Council.

INFECTIOUS DISEASES, 1947.

TABLE VI.

Infectious Disease:	Number of cases notified.	Number of deaths.	Attack rate per 1,000 Population.	
			Adminis- trative County.	England and Wales.
Smallpox	—	—	—	0.00
Scarlet Fever	98	—	0.48	1.37
Diphtheria	10	—	0.05	0.13
Enteric Fever	10	—	0.05	0.02
Pneumonia	144	102	0.72	0.79
Whooping Cough	587	4	2.93	2.22
Measles	1,838	1	9.16	9.41
Cerebro-spinal fever	12	3	0.06	0.05
Puerperal Pyrexia	26	—	5.9*	7.16*

* per 1,000 Total Births.

Immunisation. I give below figures for the year for the administrative county, excluding Lowestoft. (As a Maternity and Child Welfare Authority, Lowestoft carries out this work for that Borough).

Completing course of immunisation under 5 years of age	2,122
Ditto, 5-15 years of age	708
Receiving "booster" dose	1,511

Enteric.

An outbreak of para-typhoid B occurred in Ipswich during December, and before the source of infection could be traced, it had spread to the district around.

Malaria.

In November, a case of indigenous malaria, a child of three years of age was notified in Felixstowe.

On investigation, female anopheline mosquitoes, which were later identified as the variety *atroparvus*, were found in some nearby stables; and it was also ascertained that a number of men had recently returned to that part of Felixstowe from service in the Far East.

The premises in which the mosquitoes were hibernating were disinfested with a D.D.T. solution by arrangement with the Sanitary Inspector of the Urban District Council.

IX.
TUBERCULOSIS.

TABLE VII.

Cases certified as having died of Tuberculosis.—taken from the return of the Registrar-General.

Year.	Pulmonary.	Non-Pulmonary.	Total.
1939	79	16	95
1940	82	13	95
1941	66	21	87
1942	60	18	78
1943	52	16	68
1944	49	18	67
1945	57	7	64
1946	68	16	84
1947	54	9	63

Deaths from Tuberculosis.

TABLE VIII.

The figures in this table are those assigned by the Registrar-General.

Five-yearly Period.	Deaths from Pulmonary Tuberculosis.	Deaths from Non-Pulmonary Tuberculosis.	Total.
1938-1942	358	75	433
1943)	52)	16)	68)
1944)	49)	18)	67)
1945)	57) 280	7) 66	64) 346
1946)	68)	16)	84)
1947)	54)	9)	63)

Death Rates—Tuberculosis.

TABLE IX.

Year.	All Forms.		Pulmonary.		Non-Pulmonary.	
	Adminis- trative County.	England and Wales.	Adminis- trative County.	England and Wales.	Adminis- trative County.	England and Wales.
1939	.45	.64	.38	.54	.07	.10
1940	.48	.68	.41	.57	.07	.11
1941	.48	.69	.37	.57	.12	.12
1942	.45	.62	.35	.51	.10	.11
1943	.39	.61	.30	.51	.09	.10
1944	.38	.58	.28	.48	.10	.09
1945	.35	.62	.32	.52	.04	.10
1946	.43	.55	.35	.47	.08	.08
1947	.31		.27		.04	

Deaths of notified cases of Tuberculosis, 1947.

Notified after death	...	...	...	1
Within one week of notification	...	...	...	4
1 week to 1 year after notification	...	...	...	17
1 year to 5 years after notification	...	...	...	23
From 5 years onwards after notification	...	...	...	8
				—
				53
				—

1,513 examinations were made by the Tuberculosis Officers, compared with 1,526 in 1946.

382 cases were classified as fit for full-time, and 65 for part-time work: 147 were classified as "getting about," and 103 were confined to bed.

602 specimens of sputum from dispensary cases were examined at the request of the Tuberculosis Officers; of these 151 were positive, compared with 166 the previous year.

TABLE X.
Primary Notifications.

Year.	Pulmonary.	Non-Pulmonary.	Total.
1944	107	71	178
1945	96	69	165
1946	136	58	194
1947	118	54	172

Artificial Pneumothorax and Pneumoperitoneum Treatment, 1947.

	A.P.	P.P.
New Cases Induced	13	6
Cases removing into County	2	1
Temporary residents requiring refills	5	1
Treatment abandoned—advanced disease	5	—
Treatment completed with effective results	11	—
Cases removing from County	4	—
Remaining under treatment on 31.12.47:—		
In-Patients	9	6
Out-Patients	36	1

Number of Patients receiving other forms of Surgical Treatment for Pulmonary Tuberculosis:—

Thoracoplasty	...	...	...	...	2
Thoracoscopy	...	...	...	...	5
Phrenic Crush	...	...	...	...	6

TABLE XI.

Tuberculosis: Dispensary Register.

Cases on Register 1/1/47	...	...	...	...	707
New cases of Tuberculosis placed on Register	...	...	...	...	139
New cases placed under observation	...	...	...	...	25
New cases diagnosed as Non-Tuberculous	...	...	...	...	211
Cases transferred from other areas or restored to the Tuberculosis Register	...	...	...	...	48
Total					1,130
					<hr/>
Old and New cases written off as Non-Tuberculous	...	...	...	...	246
Cases transferred to other areas or lost sight of	...	...	...	...	60
Cases written off as "recovered"	...	...	...	...	55
Cases written off as "dead"—from all causes	...	...	...	...	47
Cases remaining on Register on 31/12/47	...	...	...	...	722
Total					1,130
					<hr/>
Number of "T.B. Plus" cases on register on 31/12/47	...	...	...	...	299
Number of X-Ray examinations for dispensary cases during the year	...	...	...	...	607

Memo 266/T—Pulmonary Tuberculosis. 40 cases received allowances under this scheme during the year.

RESIDENTIAL TREATMENT FOR TUBERCULOSIS DURING YEAR, 1947.

PULMONARY TUBERCULOSIS.

INSTITUTION.	In-Patients on 1.1.47.	Admissions.	Discharges.	Deaths.	In-Patients on 31.12.47.	Total No. of Patients Treated.
Ipswich Sanatorium	3	—	3	—	—	3
Kelling Sanatorium	13	16	14	3	12	29
White Lodge Hospital	13	22	16	2	17	35
Nayland Sanatorium	6	8	4	—	10	14
Papworth Sanatorium	2	—	—	1	1	2
Hartismere Hospital	1	22	6	4	13	23
Children's Sanatorium, Holt	1	—	1	—	—	1
St. Mary's Hospital, Bury	3	1	3	1	—	4
Ipswich Isolation Hospital	—	1	1	—	—	1
Mundesley Sanatorium	—	3	1	—	2	3
Southwold Hospital	—	1	1	—	—	1
Ipswich Borough General Hospital	—	1	—	1	—	1
Hill End Hospital	—	1	—	1	—	1
Total Pulmonary Cases Treated	42	76	50	13	55	118

NON-PULMONARY TUBERCULOSIS.

Orthopaedic Ward, Ipswich Isolation Hospital	12	3	8	—	7	15
East Suffolk & Ipswich Hospital	2	43	42	—	3	45
Norfolk & Norwich Hospital	1	2	1	—	2	3
Ipswich Borough General Hospital	1	7	4	—	4	8
Papworth Sanatorium	1	—	—	—	1	1
Chantry Park Convalescent Home	—	1	1	—	—	1
Drayton Emergency Hospital	1	—	1	—	—	1
Beccles Hospital	—	1	1	—	—	1
Lowestoft & North Suffolk Hospital	—	1	—	—	1	1
Jenny Lind Hospital	—	1	1	—	—	1
Total Non-Pulmonary Cases Treated	18	59	59	—	18	77

Total Pulmonary and Non-Pulmonary Cases Treated in Institutions, 195.

X.

TREATMENT OF VENEREAL DISEASES.

TABLE XII.

Lowestoft V.D. Clinic.

Area from which Patients came.	No. of New Cases.			Total number of attendances.		
	1945	1946	1947	1945	1946	1947
East Suffolk	112	144	120	2641	2983	2160
Great Yarmouth	5	1	1	158	95	8
Norfolk	2	—	5	6	—	22
Total :	119	145	126	2805	3078	2190

TABLE XIII.

Centre.	No. of East Suffolk Persons seen for the first time and found to be suffering from:—				Non- Venereal Conditions	Total.	Total No. of Out- patient Attend- ances.
	Syphilis.	Soft Chancres.	Gonor- rhoea.				
Ipswich	27	—	42		96	165	1779
Lowestoft	13	—	28		81	122	2160
TOTALS	40	—	70		177	287	3939

XI.

CANCER DEATH RATE.

TABLE XIV.

Year.	No. of Deaths.			Death Rate per 1,000 Population.			
	Males.	Females.	Total.	Urban.	Rural.	Adminis- trative County.	England and Wales.
1939	202	215	417	2.03	1.95	1.98	1.62
1940	193	168	366	2.08	1.66	1.83	1.66
1941	175	209	384	2.3	2.05	2.14	1.67
1942	203	195	393	2.6	2.12	2.3	1.69
1943	144	226	370	2.77	1.76	2.14	1.74
1944	202	184	386	2.21	2.18	2.19	1.92
1945	164	187	351	1.9	1.9	1.9	1.94
1946	184	194	378	1.7	2.0	1.9	1.85
1947	193	185	378	2.0	1.8	1.9	

XII.

TABLE XV.

BLIND PERSONS ACT, 1938.

	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>
Total Blind Persons	180	249	429

Of these:—379 are unemployable; 28 are employed; 8 are undergoing training; 11 are under 16 years of age; 7 are at a school; 1 under school age; 15 are mentally defective; 18 physically defective; 32 are deaf.

XIII.

MENTAL DEFICIENCY ACTS, 1913-38.

TABLE XVI.

During 1947 the following numbers of East Suffolk cases were ascertained by the East and West Suffolk Joint Committee for the care of the Mentally Defective :—

	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>
On report by Local Education Authority under Section 57(3) of the Education Act, 1944	13	4	17
On report by Local Education Authority under Section 57(5) of the Education Act, 1944	1	—	1
On reports from other sources ...	5	10	15
	<u>19</u>	<u>14</u>	<u>33</u>

During 1947, the following numbers of East Suffolk cases were dealt with by the Joint Committee:—

	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>
Removed to Institutions	7	9	16
Placed under Guardianship	—	1	1
Placed under Statutory Supervision	13	4	17
	<hr/>	<hr/>	<hr/>
	20	14	34
	<hr/>	<hr/>	<hr/>

There were on 31st December, 1947, the following numbers of East Suffolk cases:—

(a) *Dealt with by the Joint Committee.*

	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>
In Institutions	173	159	332
On leave of absence from Institutions	9	44	53
Under Guardianship	8	16	24
Under Statutory Supervision	92	83	175
	<hr/>	<hr/>	<hr/>
	282	302	584
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EAST SUFFOLK COUNTY COUNCIL.



ANNUAL REPORT
OF THE
County Medical Officer

1947

PUBLIC HEALTH DEPARTMENT,
COUNTY HALL,
IPSWICH.